

| No.         | ROD                  | Category    | Section    | Goal/Expectation   | Decision/Action                                                                                                                                                                                                                               | Responsible Parties/Staff                  | Verification                                                                                                                                                                                                                                                                                                                                                                   | Deadline                                          |
|-------------|----------------------|-------------|------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| AIR QUALITY |                      |             |            |                    |                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                                                                                                                                                                                                                |                                                   |
| 1           | 4.1.1<br>Page 25     | Air Quality | Visibility | 40 Days or Less    | Visibility Impairment over 1 deciview (DV) at Bridger Wilderness Area not to exceed 40 days.                                                                                                                                                  | Operators                                  | Annual demonstration by Operators submitted to DEQ.                                                                                                                                                                                                                                                                                                                            | ROD + 12 Months (9.12.2009). Completed.           |
| 2           | 4.1.1<br>Page 26     | Air Quality | Visibility | 40 Days or Less    | Rolling 10-year emission forecast reporting the anticipated activity levels and projected air emissions from all project related sources.                                                                                                     | Operators                                  | Forecast will be submitted to the BLM and DEQ.                                                                                                                                                                                                                                                                                                                                 | ROD + 12 Months (9.12.2009). Completed. Annually. |
| 3           | 4.1.1<br>Page 26     | Air Quality | Visibility | 40 Days or Less    | Air emission control strategies which reduce predicted visibility impacts.                                                                                                                                                                    | Operators                                  | Reduction of visibility impacts from current development.                                                                                                                                                                                                                                                                                                                      | ROD + 12 Months (9.12.2009). Completed.           |
| 4           | 4.1.1<br>Page 26     | Air Quality | Visibility | 40 Days or Less    | Determination of need for air-dispersion modeling based on annual and ten year rolling forecast.                                                                                                                                              | BLM, AQD-DEQ, (consult w/EPA)<br>Operators | Any modeling will be summarized and submitted to the BLM and WDEQ-AQD no later than the 11th month following APM.                                                                                                                                                                                                                                                              | APM , due 1.1.10                                  |
| 5           | 4.1.1<br>Pages 25    | Air Quality | Visibility | 10 Days or Less    | Visibility Impairment over 1 deciview (DV) at Bridger Wilderness Area not to exceed 10 days.                                                                                                                                                  | Operators                                  | Annual demonstration by Operators submitted to DEQ.                                                                                                                                                                                                                                                                                                                            | ROD + 42 Months (3.12.12)                         |
| 6           | 4.1.1<br>Page 26     | Air Quality | Visibility | 10 Days or Less    | Use advanced technologies to reduce NOx emissions to reduce predicted visibility impacts to the 80% drilling rig engine NOx emissions reduction scenario.                                                                                     | Operators                                  | WDEQ-AQD administered interim permit to reduce NOx and VOC July 21, 2008. This will require Operators to demonstrate that proposed facilities will not prevent attainment or maintenance of an air quality standard.                                                                                                                                                           | ROD + 42 Months (3.12.12)                         |
| 7           | 4.1.1<br>Pages 25    | Air Quality | Visibility | Zero Days          | Visibility Impairment over 1 deciview (DV) at Bridger Wilderness Area not to exceed 0 days.                                                                                                                                                   | Operators                                  | Annual demonstration by Operators submitted to DEQ.                                                                                                                                                                                                                                                                                                                            | ROD + 78 Months (by the yr. 2015)                 |
| 8           | 4.1.1<br>Pages 25-26 | Air Quality | Visibility | Zero Days          | Collaboratively identify methods to reduce air emissions beyond the 80% drilling rig engine NOx emissions goal. Operators will submit an evaluation of alternatives, and recommend a plan that addresses all sources from project activities. | Operators                                  | At the APM, the BLM, WDEQ, in consultation with EPA, will review operator's annual forecast, monitoring data, and evaluate methods to reach visibility goals. Absent an effective technology to achieve further reductions beyond the 80% described in the SEIS, adjustments in the pace of development may be utilized to achieve zero days of modeled visibility impairment. | ROD + Fifth APM (2013)                            |
| 9           | 4.1.1<br>Page 25     | Air Quality | Visibility | Public Information | Operators to demonstrate that they have met annual goals. This information is to be provided to the PAPO and made available to the public.                                                                                                    | Operators                                  | Report                                                                                                                                                                                                                                                                                                                                                                         | Annually                                          |

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| 10 | 4.1.1<br>Page 27                                    | Air Quality                      | Visibility | Monitoring and analysis of air quality                         | Mitigation and Monitoring Fund provides for WDEQ-AQD field inspector (5 yrs) and analyst (2 yrs). Funding to assist DEQ upgrade AQ monitoring systems.                                          | WDEQ-AQD                  | WDEQ-AQD Field Inspector and Analyst                                                                                                                    | ROD.                                                  |
| 11 | 4.1.1<br>Page 27                                    | Air Quality                      | Visibility | Monitoring and analysis of air quality                         | Formal evaluation of the existing ambient monitoring network in southwest WY.                                                                                                                   | WDEQ-AQD                  | Evaluation will provide information about monitoring in the PAPA.                                                                                       | Open                                                  |
| 12 | 4.1.1<br>Page 27                                    | Air/Monitoring & Mitigation Fund | Visibility | Funding for Air Quality monitoring.                            | Based on results of WDEQ evaluation, Operators will contribute up to \$1.2 million over five years to the Fund to establish and/or operate monitors.                                            | Operators, WDEQ-AQD       | WDEQ to use new and existing monitors to perform future air quality modeling. WDEQ and Operators will collect ambient ammonia data for use in modeling. | ROD + 60 Months (9.12.13)                             |
| 13 | 4.1.2<br>Page 28                                    | Air Quality                      | Ozone      | Air Quality Baseline                                           | Refine NOx & VOC emissions inventory.                                                                                                                                                           | Operators, BLM, WDEQ, EPA | Attainment of WAAQS standards                                                                                                                           | ROD + 12 Months (9.12.09). Completed. And As Needed.  |
| 14 | 4.1.2<br>Page 28                                    | Air Quality                      | Ozone      | Accurate Air Quality Assessment                                | Ensure that new modeling conducted and funded by the Operators includes all WDEQ BACT requirements and a sensitivity analysis to determine appropriate reductions in ozone precursor emissions. | BLM, WDEQ, EPA            | BACT standards implemented.                                                                                                                             | ROD + 12 Months (9.12.09). In process. And As Needed. |
| 15 | 4.1.2<br>Page 28                                    | Air Quality                      | Ozone      | Mitigation and offsets may be required as a result of modeling | Evaluate modeling results.                                                                                                                                                                      | Operators, BLM, WDEQ, EPA | Attainment of WAAQS standards                                                                                                                           | ROD + 12 Months (9.12.09). In process. And As Needed. |
| 16 | 4.1.2<br>Page 28                                    | Air Quality                      | Ozone      | Emission Control Strategies                                    | Implement emission control strategies and/or operating limitations necessary to ensure compliance with applicable ambient air quality standards for ozone.                                      | BLM, WDEQ, EPA            | Attainment of WAAQS standards                                                                                                                           | As soon as possible following modeling and if needed. |
| 17 | 4.1.2<br>Page 28                                    | Air Quality                      | Ozone      | Ozone standards compliance                                     | Develop individual contingency plans to avoid wintertime ozone exceedances.                                                                                                                     | Operators                 | Letter received from DEQ documenting compliance. Letter and contingency plans filed.                                                                    | ROD + 90 Days (12.12.08). Completed. Annually.        |
| 18 | 2.7<br>Page 6<br>3.2<br>Page 22<br>4.1.2<br>Page 28 | Air Quality                      | Ozone      | Eliminate truck trips to field. Meet ozone standards.          | Install a liquids gathering system to reduce the amount of truck traffic (by 165,000 trips annually) associated with production.                                                                | Ultra, Shell, Questar     | BLM                                                                                                                                                     | ROD + 24 Months (9.12.10)                             |

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| 19 | 4.1.2<br>Page 28 | Air Quality | Ozone       | Eliminate truck trips to field. Meet ozone standards.     | Within one year, demonstrate, and within two years, implement a reduction in VOCs comparable to that obtained through installation of an LGS or by demonstrating a comparable reduction in VOCs. | All operators except Ultra, Shell, and Questar | BLM                                                                                                        | ROD + 24 Months (9.12.10). Methodology for equivalencies established 7.17.09. Demonstration Completed 9.12.09. |
| 20 | 3.3<br>Page 23   | Air Quality | Air Quality | Monitoring and analysis of air quality in terms of toxics | Report on air toxics potential chemicals of concern and ozone exposure levels.                                                                                                                   | WDEQ-AQD                                       | Monitoring will begin 11.08. Interim Risk Assessment will be available 12.08. Draft final report due 8.09. | In process.                                                                                                    |
| 21 |                  |             |             |                                                           |                                                                                                                                                                                                  |                                                |                                                                                                            |                                                                                                                |
| 22 |                  |             |             |                                                           |                                                                                                                                                                                                  |                                                |                                                                                                            |                                                                                                                |





